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## Patent Abstracts of Japan

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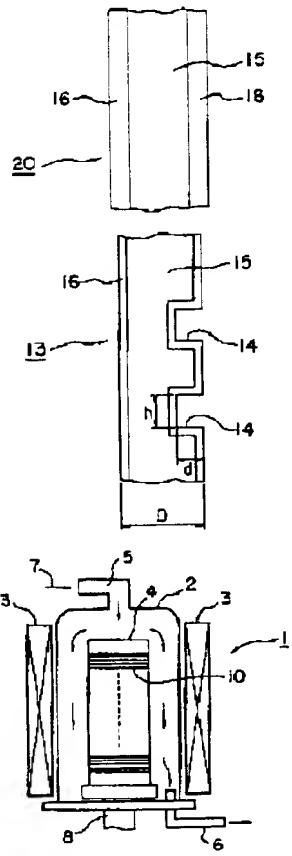
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TITLE : HEAT TREATMENT FURNACE BOAT



ABSTRACT : PURPOSE: To provide a heat-treatment furnace boat capable of preventing a generation of a fine scratch surrounding a semiconductor substrate to be heat-treated even if the semiconductor substrate is heat-treated within the heat treatment furnace having a non-oxidizing atmosphere.

CONSTITUTION: A heat-treatment furnace boat 4 placing a semiconductor substrate 10 is used for heat-treating the semiconductor substrate 10 within a heat treatment furnace 1 having a non-oxidizing atmosphere and boat constructing materials 13, 20 constituting this heat-treatment furnace boat 4 comprise at least two layers of a surface layer 16 and an inner layer 15, and the surface layer 16 is characterized by having lower hardness than that of the semiconductor substrate 10 to be heat-treated.

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